

**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.: 042390.P11877C  
(maximum 12 characters)

First Named Inventor: Shih-Lien L. Lu et al.

Title: HIDING REFRESH OF MEMORY AND REFRESH-HIDDEN MEMORY

Express Mail Label No.: EV 336581708 US

16834 U.S. PTO  
10/691342  
102103



ADDRESS TO: Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  **Fee Transmittal Form (e.g., PTO/SB/17)**  
(Submit an original and a duplicate for fee processing)
2.  **Applicant Claims Small Entity Status. (37 CFR 1.27)**
3.  **Specification (Total Pages 32)**  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  **Drawings(s) (35 USC 113) (Total Sheets 18)**
5.  **Oath or Declaration (Total Pages 5)**
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.  **DELETIONS OF INVENTOR(S)** Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
    - c.  Unsigned.
6.  **Application Data Sheet. (37 CFR 1.76)**
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & documents(s))  
 10.  a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
        b. Power of Attorney  
 11.  English Translation Document (if applicable)  
 12.  a. Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08)  
        b. Copies of IDS Citations  
 13.  Preliminary Amendment  
 14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
 15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)  
 16.  Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  
 17A.  Claim for Foreign Priority  
 17B.  Other: \_\_\_\_\_  
  
 17C.  Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a **CONTINUING APPLICATION**, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title (e.g., by way of preliminary amendment), or in an Application Data Sheet Under 37 C.F.R. 1.76:

Continuation      Divisional      Continuation-in-part (CIP)  
 Of Prior Application No.: 09/966,586      Examiner Moazzami, Nasser G.      Group Art Unit 2187  
 (which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_,  
 which is a  continuation/  divisional/  CIP of prior application no. \_\_\_\_\_) (List entire chain of priority)

**Applicant(s):** Also include a Preliminary Amendment to amend the specification to claim priority.  
**For CONTINUATION AND DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address  
 Customer Number or Bar Code Label 08791      (Insert Customer No. or Attach Bar Code Label  
 here)  
 Correspondence Address Below  
 NAME Chui-Kiu Teresa Wong  
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Name (PRINT/TYPE): Chui-Kiu Teresa Wong      Registration No.: 48,042  
 Signature: C7-5      Date: 10/21/03

10/21/03  
16569 U.S. PTO

## FEE TRANSMITTAL FOR FY 2004

(FY 2004 Begins 10/01/2003)

**TOTAL AMOUNT OF PAYMENT (\$)** **\$996.00**

Complete if Known:

Application No. Not Yet Assigned  
 Filing Date Not Yet Assigned  
 First Named Inventor Shih-Lien L. Lu et al.  
 Examiner Name Unknown  
 Art Unit Unknown  
 Attorney Docket No. 042390.P11877C

Applicant claims small entity status. See 37 CFR 1.27.

### METHOD OF PAYMENT (check all that apply)

Check  Credit Card  Money Order  Other  None

Deposit Account

Deposit Account Number : 02-2666

Deposit Account Name: \_\_\_\_\_

The Director is Authorized to do the following with respect to the above-identified Deposit Account:

Charge fee(s) indicated below.

Credit any overpayments.

Charge any additional fees during the pendency of this application.

Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged.

Charge fee(s) indicated below except for the filing fee.

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee	Fee	Fee	Fee
Code	(\$)	Code	(\$)
1001	770	2001	385
1002	340	2002	170
1003	530	2003	265
1004	770	2004	385
1005	160	2005	80
<b>SUBTOTAL (1)</b> \$ <u><b>\$770.00</b></u>			

#### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims	Fee from below	Fee Paid
Total Claims <u>23</u>	$- 20^{**} = 3$	<u>X</u> <u>\$18.00</u>	$= \$54.00$
Independent Claims <u>5</u>	$- 3^{**} = 2$	<u>X</u> <u>\$86.00</u>	$= \$172.00$
Multiple Dependent			

\*\*Or number previously paid, if greater; For Reissues, see below.

Large Entity	Small Entity	Fee Description
Fee	Fee	Fee
Code	(\$)	Code
1202	18	2202 9
1201	86	2201 43
1203	290	2203 145
1204	86	2204 43
1205	18	2205 9
<b>SUBTOTAL (2)</b> \$ <u><b>\$226.00</b></u>		

FEES CALCULATION (continued)

## 3. ADDITIONAL FEES

<u>Larg Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee	Fee	
(\$)	(\$)	(\$)	
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1813	8,800	1813	8,800
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	420	2252	210
1253	950	2253	475
1254	1,480	2254	740
1255	2,010	2255	1,005
1401	330	2401	165
1402	330	2402	165
1403	290	2403	145
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,330	2453	665
1501	1,330	2501	665
1502	480	2502	240
1503	640	2503	320
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	770	2809	385
1814	110	2814	55
1810	770	2810	385
1801	770	2801	385
1802	900	1802	900
1504	300	1504	300
1505	300	1505	300
1803	130	1803	130
1808	130	1808	130
1454	1,330	1454	1,330
			Acceptance of unintentionally delayed claim for priority

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

SUBTOTAL (3) \$ \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

## SUBMITTED BY:

Typed or Printed Name: Chui-Kiu Teresa WongSignature: C72 Date: 10/21/03Reg. Number: 48,042 Telephone Number: (408) 720-8300

Send to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450